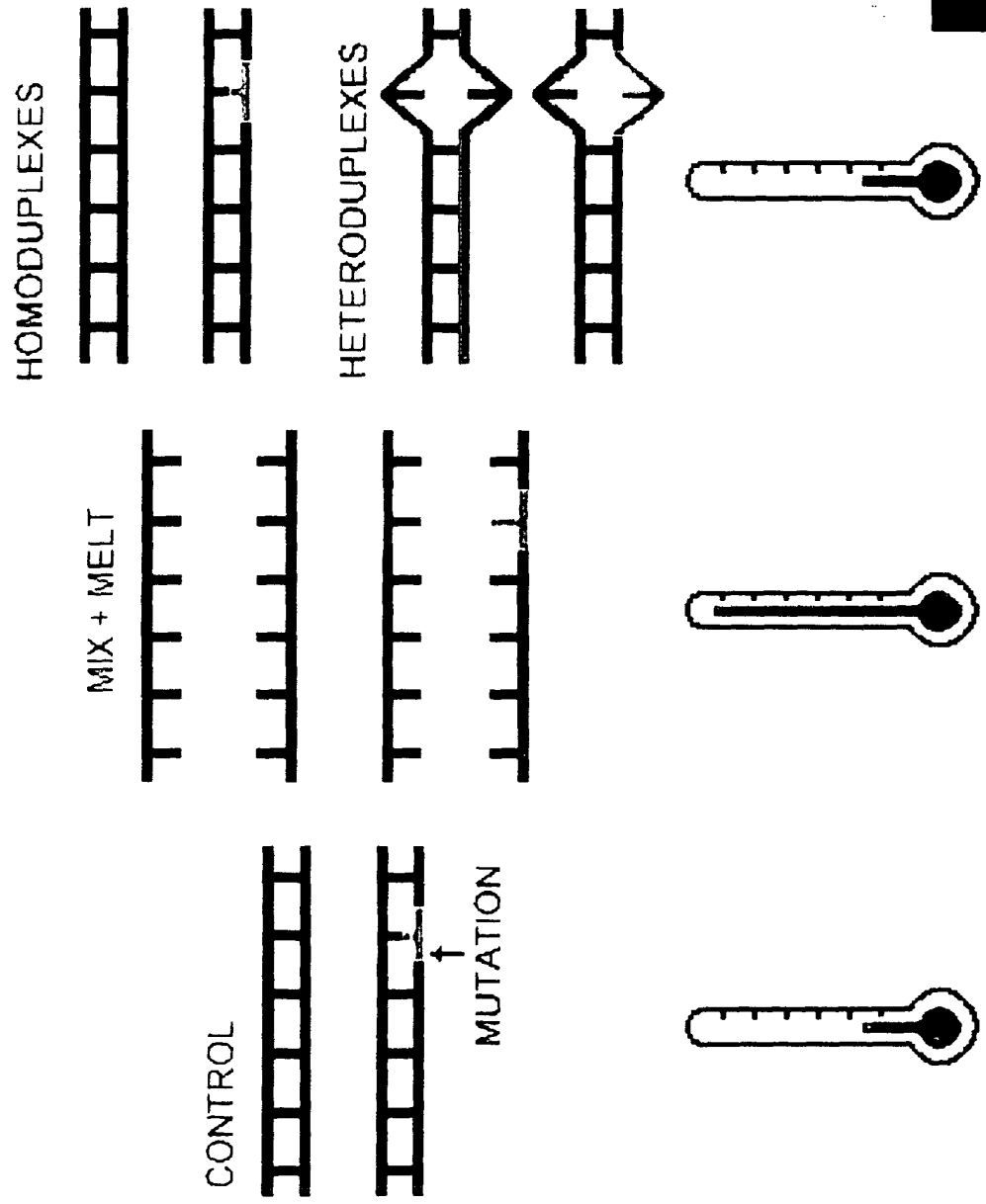
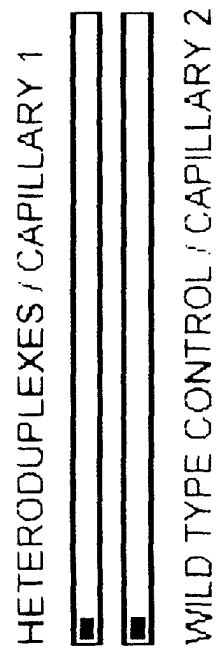
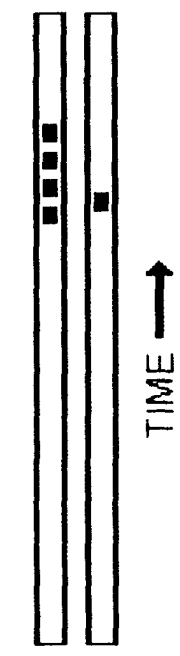


Formation of homo- and heteroduplexes

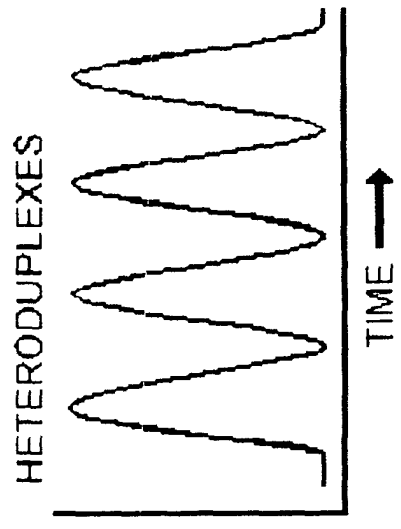




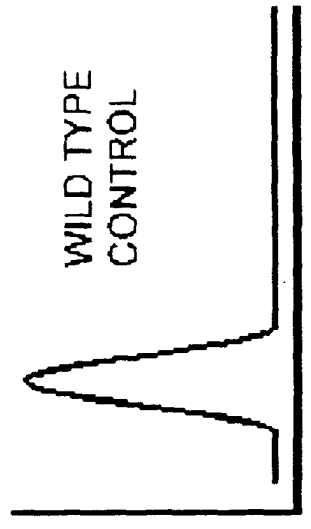
SAMPLE INJECT
TIME = 0



TIME = B
HETERODUPLEXES
SEPARATE



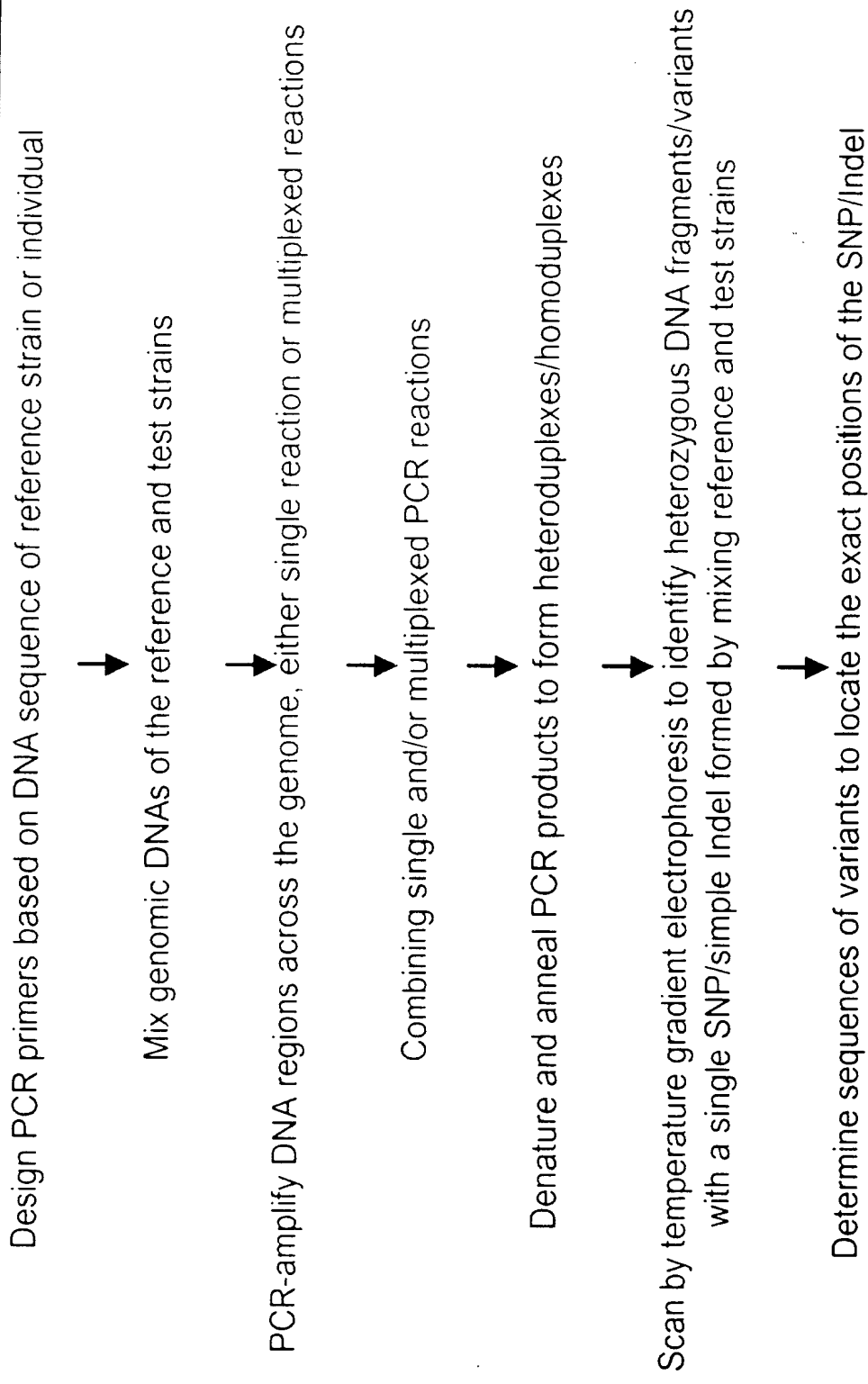
CAPILLARY 1

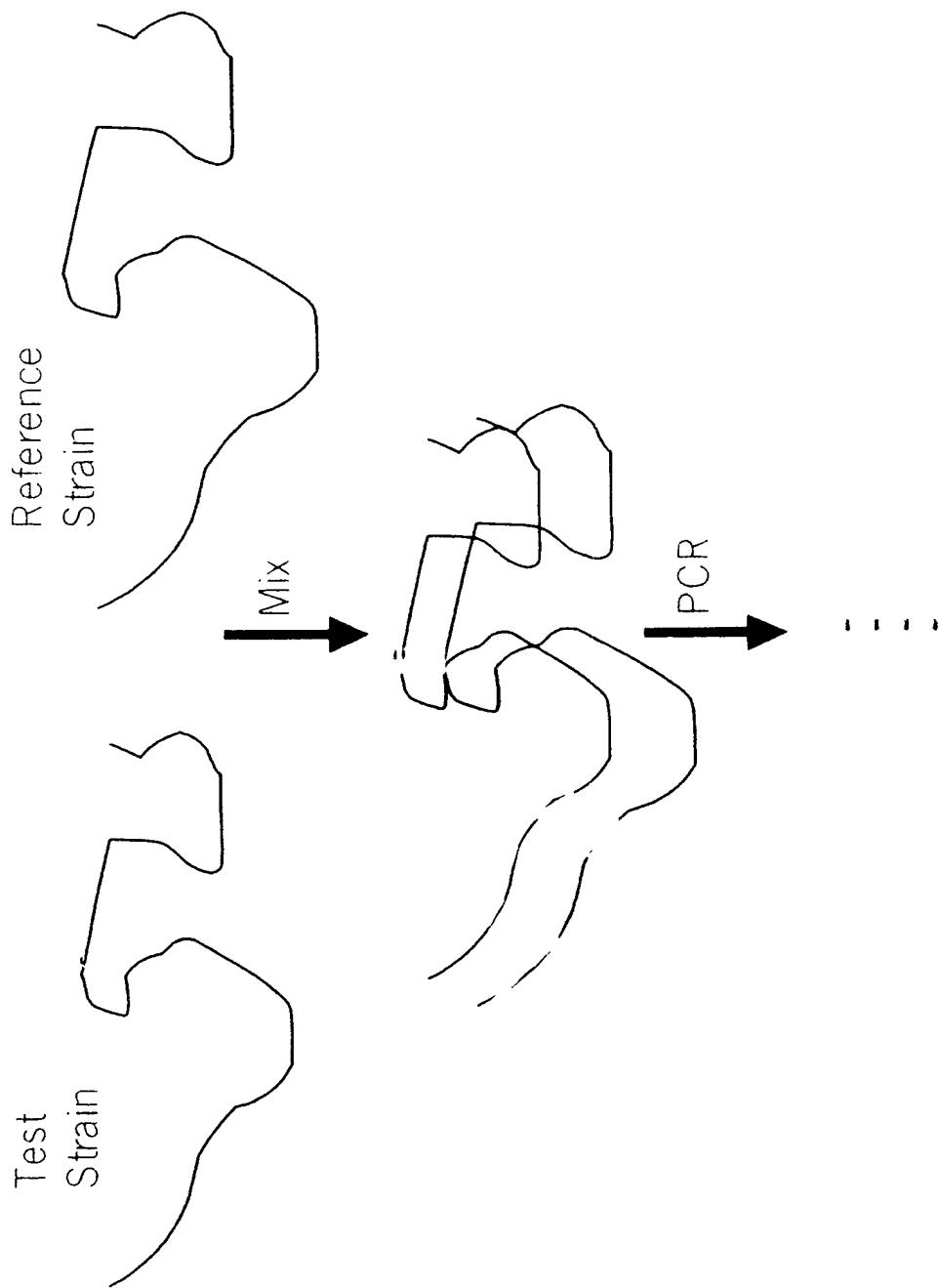


CAPILLARY 2



Procedure Flowchart





Homoduplex/heteroduplex formation

homozygote

—GATGAGGCATTGAC—
—CTACTCCGTAAACTG—

Denaturation
↓

—GATGAGGCATTGAC—
—CTACTCCGTAAACTG—

heterozygote

—GATGAGGCATTGAC—
—CTACTCCGTAAACTG—
—GATGAGGCATTGAC—
—CTACTCCGTAAACTG—

Denaturation
↓

—GATGAGGCATTGAC—
—CTACTCCGTAAACTG—
—GATGAGGCATTGAC—
—CTACTCCGTAAACTG—
—GATGAGGCATTGAC—
—CTACTCCGTAAACTG—
—GATGAGGCATTGAC—
—CTACTCCGTAAACTG—



TGCE

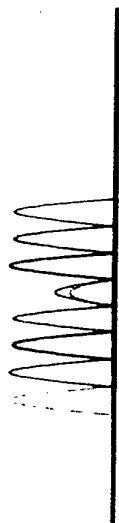


No Sequencing

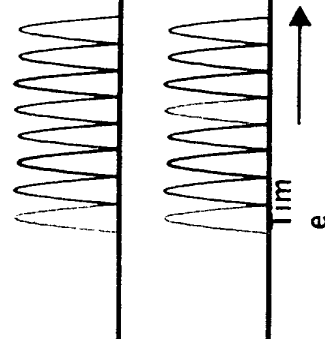
TGCE



1



2



Sample pooling

